

FIG.

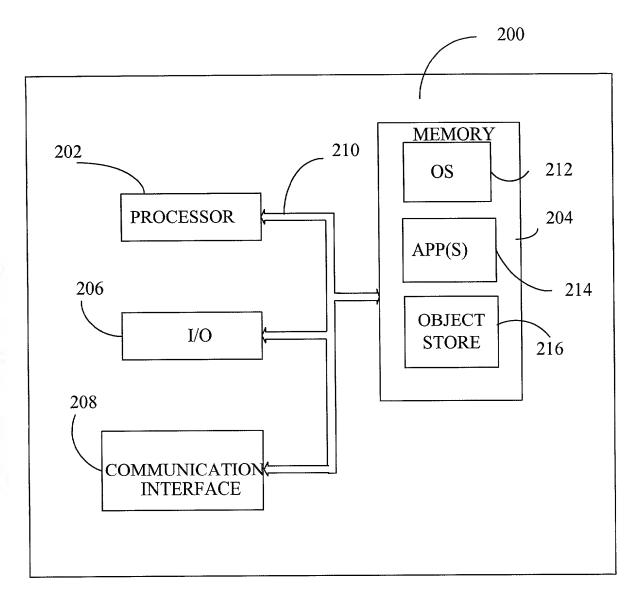


FIG. 2

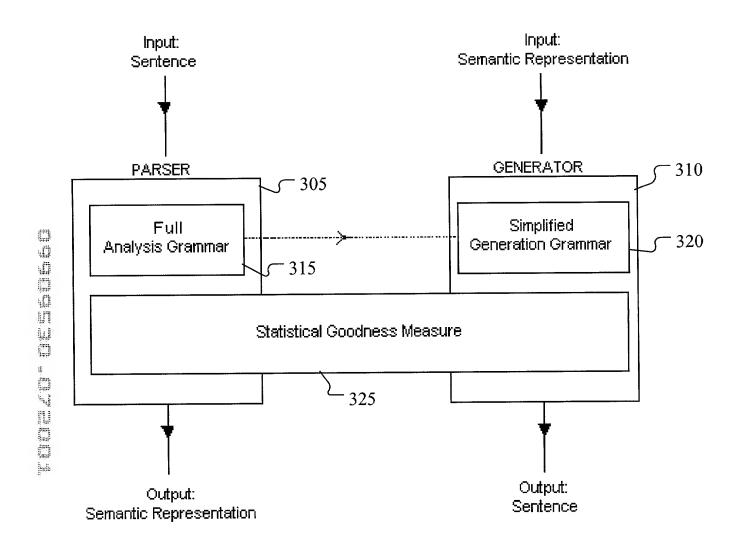


FIG. 3

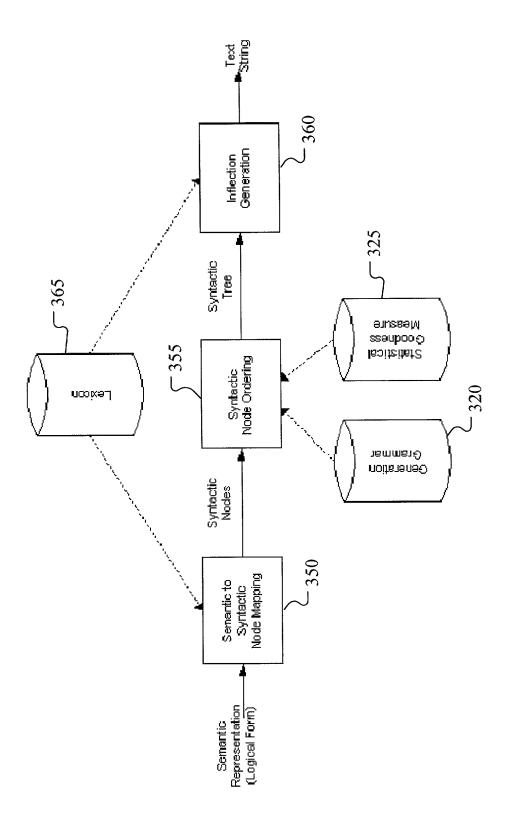


FIG. 4

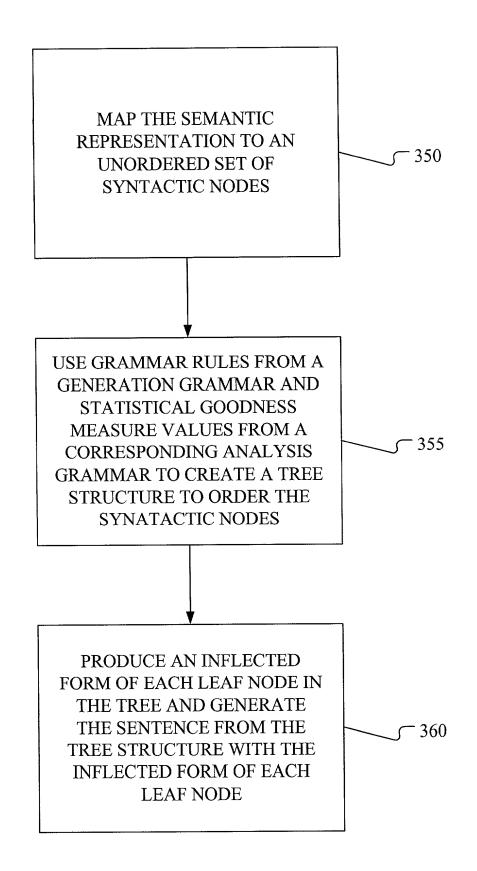


FIG. 5

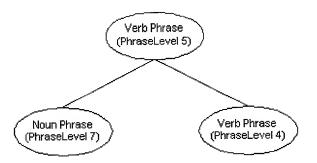


FIG. 6

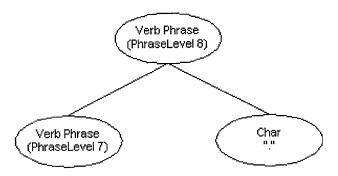


FIG. 8

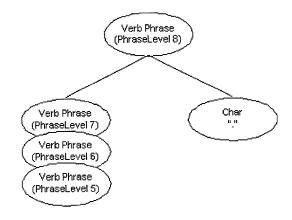
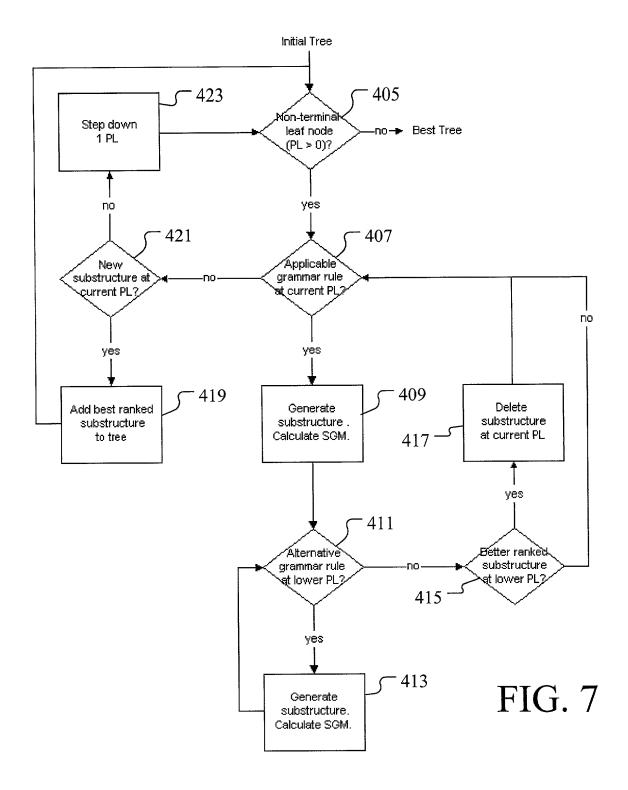


FIG. 9



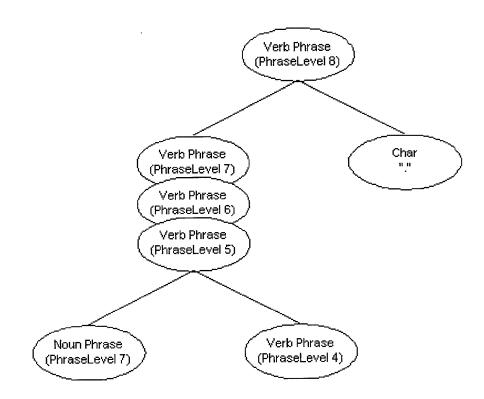


FIG. 10

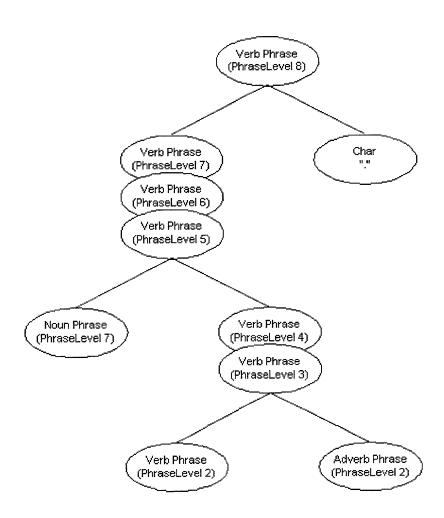


FIG. 11

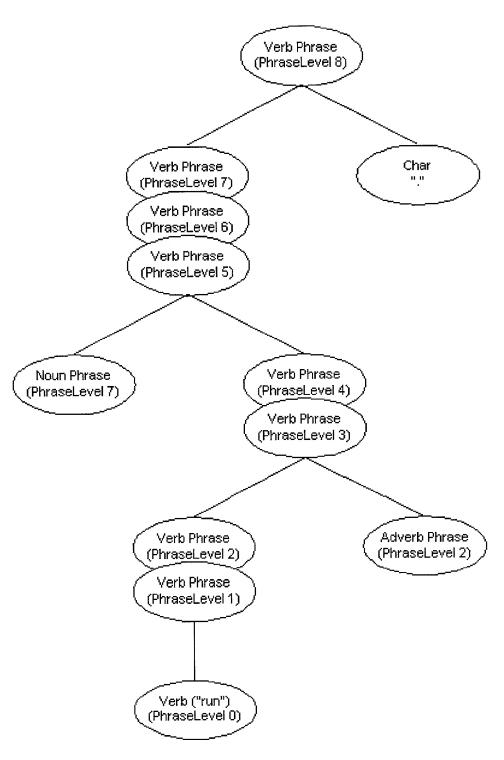


FIG. 12

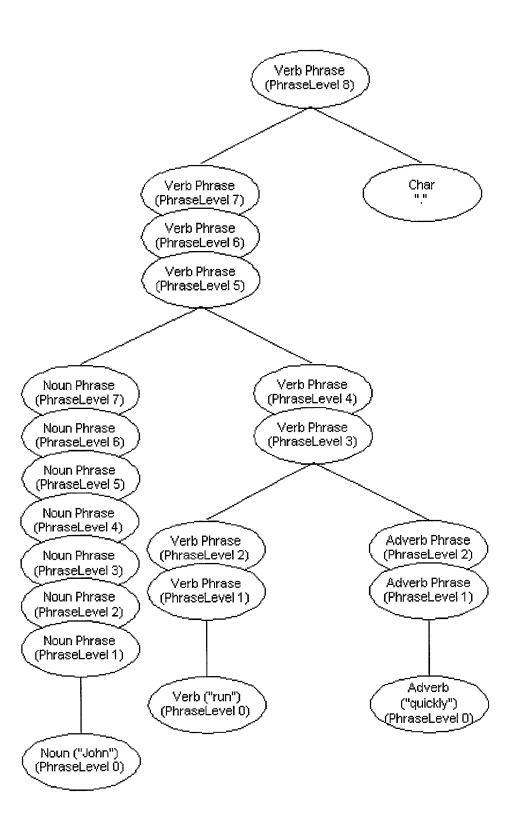


FIG. 13

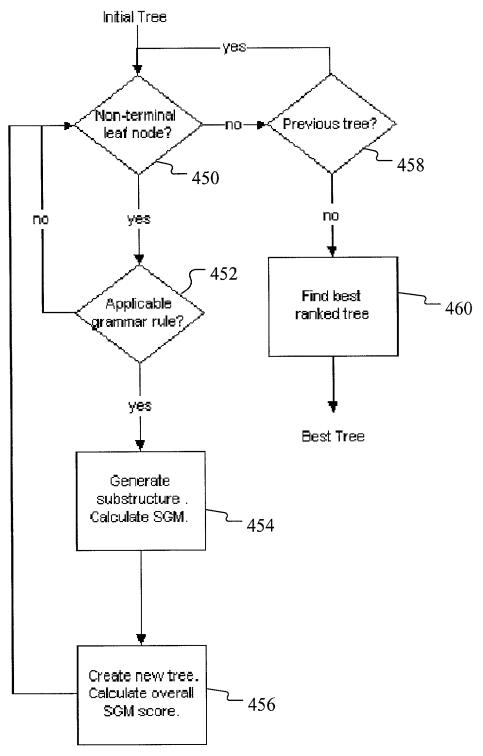


FIG. 14

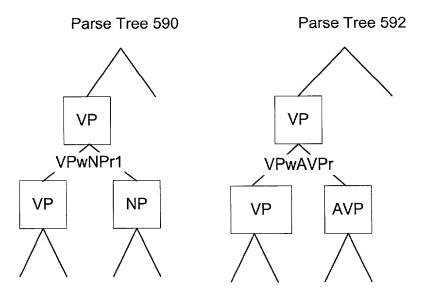
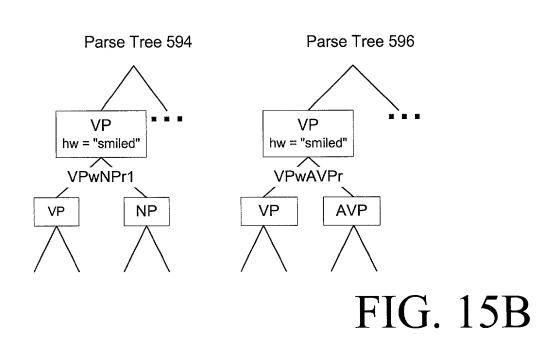


FIG. 15A



Rule Name	Rule				Description (and an example)
					•
VERBtoVP	VP	↑	VERB		Promote a verb into a verb phrase
D. 2.1	9	,	973	A TD	Add on an adjective.
rreaAaj	노 >	↑		Jest I	"It has been <u>found</u> effective"
				8	Add direct object to a VP
VPWNPrI	У Т	↑	> >	Z Z	"I hit Bill"
4				(1)	Adds the VP "have" to a VP
reriect	> T	↑	>	나 >	"Joe <u>had gone"</u>
					Add quantifiers to the VP like "all", "both",
SubjPQuant	VP	↑	NP	VP	:
					"The children have all gone"
7. T.	473			q/x	Add noun subject to a VP
v rwinri	거 >	\uparrow	L Z	거 >	"John jumped."
01.: A ID	<u></u>	,	4 10	u.x	Add AJP subject to a VP
SuojectAJF	Y >	\uparrow		۲ ۲	"More surprising is his attitude"
	£,	,		(A)	Add final modifier, AJP, to the left of a VP
InvertAJFwS	<u>\</u>	↑	AJF	۸ ۲	"More remarkable still, he went"
F	ļ <u></u>	,	E A	470	Add object of VP, NP, to the left of a VP
ı opicalization v r	\ \ -	\uparrow	Z	V L	"A better-looking man I have not seen"

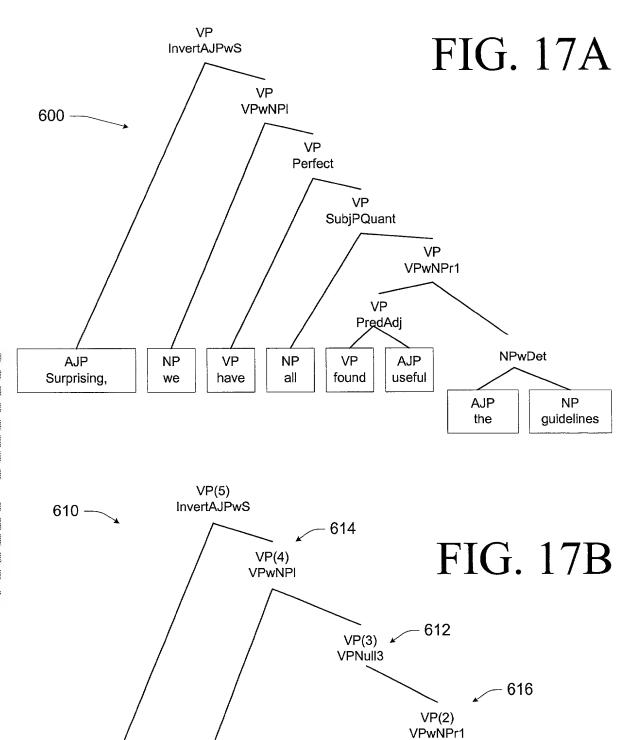
FIG. 16

AJP(N)

Surprising,

NP(N)

we



VP(2) PrędAdj

AJP(N)

useful

VP(1)

found

NPwDet

NP

guidelines

AJP

the

Phrase				
Level	Rule Name	Rule		Level Description
-	VERBtoVP	VP(1) →	VERB(PL_Verb_Max)	Create a VP
	PredAdj	VP(2) →	VP(1) AJP(PL_AJP_Max)	
7	VPwNPr1	$VP(2) \rightarrow$	VP(1) NP(PL_AJP_Max)	Add post modifiers
	VPNull2	VP(2) →	VP(1)	
	Perfect	VP(3) →	VP(1) VP(2,3)	
3	SubjPQuant	VP(3)→	NP(PL_NP_Max) VP(2,3)	Add "have" and quantifiers
	VPNull3	VP(3) →	VP(2)	
	VPwNPI	VP(4) →	NP(PL_NP_Max) VP(3)	
4	SubjectAJP	VP(4) →	AJP(PL_AJP_Max) VP(3)	Add subject
	VPNull4	VP(4) →	VP(3)	
	InvertAJPwS	VP(5) →	AJP(PL_AJP_Max) VP(4)	Add modifiers to VPs that
2	Topicalization	VP(5) →	NP(PL_NP_Max) VP(4)	have a subject
	VPNull5	$VP(5) \rightarrow$	VP(4)	

FIG. 18

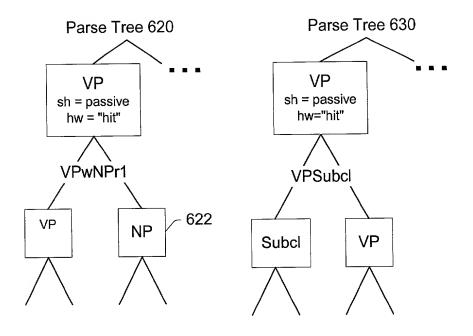


FIG. 19

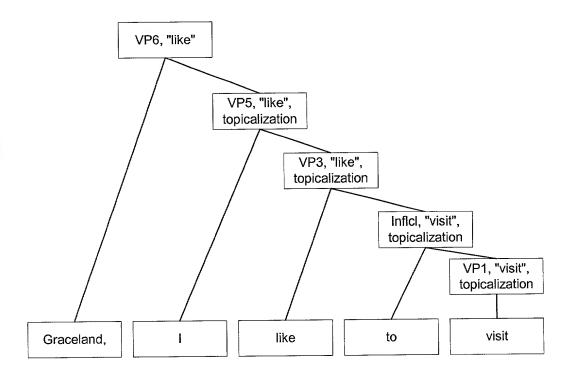


FIG. 20

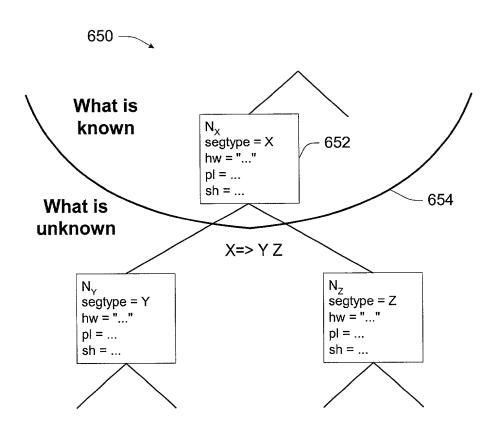


FIG. 21